I CLAIM:

- A method of detecting a graffiti-making act, comprising:
 sonically detecting the graffiti-making act;
 initiating an alarm indicating that the graffiti-making act took place.
- 2. The method of claim 1, wherein sonically detecting the graffiti-making act includes sonically detecting the spraying noise of a spray can.
 - 3. The method of claim 1, wherein sonically detecting the graffiti-making act includes sonically detecting the sound made by writing with a felt-marker pen on a surface.

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- 4. The method of claim 1, wherein sonically detecting the graffiti-making act includes sonically detecting the sound made by scratching an abrasive instrument on a surface.
- 20 5. The method of claim 4, wherein the abrasive instrument is a member from the group consisting of a stone, a gem, a screwdriver, and a glass cutter.
 - 6. The method of claim 1, wherein sonically detecting the graffiti-making act includes sonically detecting the graffiti-making act with a sensor selected from the group consisting of a piezoelectric sensor, a dynamic sensor, an electret sensor, a carbon sensor, a bolometer sensor, an optical reflection sensor, a capacitive sensor, an inductive sound sensor, and an ultrasonic sensor.

- 7. The method of claim 1, wherein sonically detecting the graffiti-making act includes detecting the sound spectrum pattern of the graffiti-making act.
- 5 8. The method of claim 1, wherein sonically detecting the graffiti-making act further includes sonically focusing sound produced from the graffiti-making act.
 - 9. The method of claim 8, wherein sonically focusing sound produced from the graffiti-making act includes sonically focusing the sound with a member selected from the group consisting of phase arrays, reflectors, and lenses.
 - 10. The method of claim 8, wherein sonically focusing sound produced from the graffiti-making act includes de-selecting other similar sounds that may effect a false alarm.

11. The method of claim 10, wherein de-selecting includes baffling sound.

- 12. The method of claim 1, wherein sonically detecting includes filtering sound spectral characteristics of sound from said graffiti-making act.
- 13. The method of claim 1, wherein sonically detecting includes filtering using a technique from the group consisting of duration and time coding of the sound, digital code quantitization, digitized algorithm analysis, and Fourier Transform analysis.
- 25 14. The method of claim 1, wherein the alarm is a member from the group consisting of a bell, a light, a horn, a speaker, a marking means, a camera to record the activity, a camera to monitor the activity, a photo process, a phone device, a wireless

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communication device, a cage, a trap, and a disabling means.

- 15. The method of claim 1, further including confirming that a graffiti-making act took place with one or more additional sensors.
- 16. The method of claim 15, wherein the one or more sensors are a member from the group consisting of a motion detector and a heat detector.
- 17. A method of detecting a graffiti-making act of spraying with a spray paint can,10 comprising:

sonically detecting a spraying noise made from the spray paint can using one or more sonic sensors;

communicating that a graffiti-making act has been detected to one or more entities.

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18. A method of detecting a graffiti-making act, comprising: detecting a graffiti-making act using one or more sensors; communicating that a graffiti-making act has been detected to one or more entities.

- 19. The method of claim 18, wherein detecting a graffiti-making act includes sensing an odor spectrum pattern of the graffiti-making act with an olfactory sensor, and using electronic spectral analysis to determine that a graffiti-making act occurred.
- 25 20. The method of claim 18, wherein detecting a graffiti-making act includes sonically sensing a sound spectrum pattern of the graffiti-making act with a sonic sensor, and using electronic spectral analysis to determine that a graffiti-making act occurred.

21. The method of claim 20, wherein the graffiti-making act includes spraying with a spray paint can, and sonically sensing includes sonically sensing a spraying noise of the spray paint can.

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- 22. The method of claim 20, wherein the graffiti-making act includes spraying with a spray paint can, and sonically sensing includes sonically sensing a rattling noised caused by shaking the spray paint can to mix paint inside the spray paint can.
- 10 23. The method of claim 20, wherein the graffiti-making act includes writing with a felt-marker pen on a surface, and sonically sensing includes sonically sensing a sound made by writing with a felt-marker pen on a surface.
- 24. The method of claim 20, wherein the graffiti-making act includes scratching with an abrasive instrument on a surface, and sonically sensing includes sonically sensing the sound made by scratching with an abrasive instrument on a surface.
 - 25. The method of claim 18, further including confirming that a graffiti-making act took place with at least one motion detector to detect movement of a perpetrator of the graffiti-making act.
 - 26. The method of claim 18, further including confirming that a graffiti-making act took place with at least one heat detector to detect body heat of a perpetrator of the graffiti-making act.

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27. The method of claim 18, further including confirming that a graffiti-making act took place with at least one sonic detector to detect a sound of the graffiti-making act.

- 28. The method of claim 18, further including confirming that a graffiti-making act took place with at least one olfactory detector to detect an odor of the graffiti-making act.
- The method of claim 18, wherein detecting a graffiti-making act includes amplifying a signal from said at least one sensor to a distinguishable level, combining the signal with a predetermined signature signal, reducing signal noise, and determining whether the resulting signal includes a spectrum pattern matching a predetermined spectrum pattern of one or more graffiti-making acts for a predetermined period of time.
 - 30. The method of claim 18, wherein communicating to one or more entities includes communicating to a police dispatcher.
- 31. The method of claim 18, wherein communicating to one or more entities includes communicating to one or more police officers on patrol in a general area of the graffitimaking act.
 - 32. The method of claim 18, wherein communicating to one or more entities includes communicating to an owner of a property where the graffiti-making act took place.
 - 33. The method of claim 18, wherein communicating to one or more entities includes communicating to a security system center.
- 34. The method of claim 18, wherein communicating to one or more entities includes25 dialing one or more predetermined phone numbers.
 - 35. The method of claim 18, wherein communicating to one or more entities includes

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communicating one or more of the following: a graffiti-marking act has been detected, the location of the graffiti-marking act, the type of graffiti-marking act, the time the graffiti marking act took place.

- 5 36. The method of claim 18, wherein detecting a graffiti-making act includes detecting a graffiti-making act using one or more sensors and a base unit powered by a battery, the method further including communicating to one or more entities that the battery is low and needs to be replaced.
- 10 37. The method of claim 18, wherein said one or more sensors communicate wirelessly with a base unit, and detecting a graffiti-making act includes transmitting a signal representative of the graffiti-making act to the base unit for processing of the signal.
- 15 38. The method of claim 18, wherein detecting the graffiti-making act includes detecting one or more different graffiti-making acts with one or more different types of sensors.
- The method of claim 18, wherein detecting the graffiti-making act includes
 detecting multiple graffiti-making acts with a single sensor.
 - 40. A graffiti detection system for detecting a graffiti-making act, comprising:

one or more sensors adapted to sense the graffiti-making act and transmit a signal representative of the graffiti-making act; and

a base unit including

electronics adapted to process the signal and determine whether the signal

represents a graffiti-making act; and

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a communication device coupled to the electronics and adapted to communicate to one or more entities that a graffiti-making act has been detected.

- The system of claim 40, wherein said one or more sensors include one or more olfactory sensors adapted to sense an odor spectrum pattern of the graffiti-making act and transmit a signal representative of the odor spectrum pattern of the graffiti-making act, and said electronics adapted to process the signal to determine if the odor spectrum pattern represents a graffiti-making act.
 - 42. The system of claim 40, wherein said one or more sensors include one or more sonic sensors adapted to sense a sound spectrum pattern of the graffiti-making act and transmit a signal representative of the sound spectrum pattern of the graffiti-making act, and said electronics adapted to process the signal to determine if the sound spectrum pattern represents a graffiti-making act.
 - 43. The system of claim 42, wherein said one or more sonic sensors are adapted to sense a spraying noise of a spray can.
- 20 44. The system of claim 42, wherein said one or more sonic sensors are adapted to sense a rattling noised caused by shaking a spray paint can to mix paint inside the spray paint can.
- 45. The system of claim 42, wherein said one or more sonic sensors are adapted to sense the sound made by writing with a felt-marker pen on a surface.
 - 46. The system of claim 42, wherein said one or more sonic sensors are adapted to

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sense a sound made by scratching with an abrasive instrument on a surface.

- 47. The system of claim 40, further including a motion detecting sensor adapted to detect movement of a perpetrator of the graffiti-making act for confirming that a graffiti-making act took place.
- 48. The system of claim 40, further including a heat detecting sensor adapted to detect body heat of a perpetrator of the graffiti-making act for confirming that a graffiti-making act took place.
- 49. The system of claim 40, further including an olfactory detector adapted to detect an odor of the graffiti-making act for confirming that a graffiti-making act took place.
- 50. The system of claim 40, further including a sonic detector adapted to detect a sound of the graffiti-making act for confirming that a graffiti-making act took place.
 - 51. The system of claim 40, wherein said electronics include a pre-amplifier adapted to amplify the signal from said at least one sensor to a distinguishable level, a mixer adapted to combine the signal with a predetermined signature signal, a low-pass filter and a precision rectifier adapted to reduce signal noise, and a time domain characterization mechanism adapted to determine whether the resulting signal represents a graffiti-making act for a predetermined period of time.
 - 52. The system of claim 51, wherein said time domain characterization mechanism includes a charge pump.
 - 53. The system of claim 51, wherein said time domain characterization mechanism

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includes a quantitative characterization device such as a microprocessor to determine whether the resulting signal includes a spectrum pattern matching a predetermined spectrum pattern of one or more graffiti-making acts for a predetermined period of time.

- 5 54. The system of claim 40, wherein said communication device is adapted to communicate with a police dispatcher.
 - 55. The system of claim 40, wherein said communication device is adapted to communicate with one or more police officers on patrol in a general area of the graffitimaking act.
 - 56. The system of claim 40, wherein said communication device is adapted to communicate with an owner of the property where the graffiti-making act took place.
- 15 57. The system of claim 40, wherein said communication device is adapted to communicate with a security system center.
 - 58. The system of claim 40, wherein said communication device is adapted to dial one or more predetermined phone numbers.
 - 59. The system of claim 40, wherein said base unit is adapted to be powered by a battery, and said communication device is adapted to communicate to one or more entities that the battery is low and needs to be replaced.
- 25 60. The system of claim 40, wherein said one or more sensors are adapted to communicate wirelessly with said base unit.

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- 61. The system of claim 40, wherein said one or more sensors are adapted to communicate with said base unit through wired means.
- 62. The system of claim 40, wherein said one or more sensors are integral with said base unit.
 - 63. The system of claim 40, wherein said one or more sensors include one or more different types of sensors adapted to sense one or more different types of graffiti-making acts.
 - 64. The system of claim 40, wherein said one or more sensors are one or more sonic sensors adapted to sense a broad range of sound frequencies.
- 65. The system of claim 40, wherein said one or more sensors are one or more sonic sensors adapted to sense sound frequencies or a sound frequency that is the same as or similar to that of the sound of one or more specific graffiti-making acts.
 - 66. The system of claim 40, wherein said one or more sensors include a single sensor adapted to sense more than one different types of graffiti-making acts.
 - 67. The system of claim 40, wherein said one or more sensors include one or more of the following types of sensors: a piezoelectric sensor, a dynamic sensor, an electret sensor, a carbon sensor, a bolometer sensor, an optical reflection sensor, a capacitive sensor, an inductive sound sensor, and an ultrasonic sensor.
 - 68. The system of claim 40, wherein said one or more sonic sensors are adapted to sense the sound of a graffiti-making act up to a distance of 400 feet.

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- 69. The system of claim 40, wherein said one or more sonic sensors are adapted to send either a 900 megahertz or a spread spectrum signal.
- The system of claim 40, wherein said electronics are adapted to filter sound using a technique from the group consisting of duration and time coding of the sound, digital code quantitization, digitized algorithm analysis, and Fourier Transform analysis.
- 71. The system of claim 40, wherein said base unit includes an alarm selected from the group consisting of a bell, a light, a horn, a whistle, a speaker, a marking means, a camera to record the activity, a camera to monitor the activity, sprinkler, a cage, a trap, and a disabling means.
 - 72. A graffiti detection system for detecting a graffiti-making act, comprising:

means for sensing a graffiti-making act and transmitting a signal representative of the graffiti-making act; and

a base unit including

means for determining whether the signal represents a graffiti-making act; and

means for communicating to one or more entities that a graffiti-making act has been detected.

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